

LABdex



Vertical Shaking Incubator LX501SI

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Description

Shaking Incubator LX501SI is a Floor-standing shaking incubator PID controller and LCD screen for simultaneous display of working & set parameters. The inner and external material comprises stainless steel. Features with various types of advanced features such as independent over-temperature protector, stop-running protection for doors opening (optional), overload protection of refrigeration unit and automatic defrosting.

Specifications

Temp. range	4°C-65°C
Circulation mode	Forced convection
Shaking mode	Rotary shaking
Refrigerant	R134A
Shaking speed range	20~350rpm
Speed accuracy	±1rpm
Vibration amplitude	φ26mm Can customize: φ35mm (20-250rpm/min) φ50mm (20-200rpm/min)
Standard flasks configuration	250ml x 28 pcs 500ml x 22 pcs
Flasks configuration	Flask specification; Maximum capacity 100 ml x 100 pcs 250 ml x 56 pcs 500 ml x 44 pcs 1000 ml x 24 pcs
Platform size	710 x 455 mm
Standard plate quantity	2 pcs
Temperature accuracy	±0.1°C
Temperature uniformity	±0.5°C
Timing range	0~9999min
Power consumption	1150 W

Power supply	220V, 50/60Hz
Interior dimensions	840 x 530 x 600 mm
Exterior dimensions	950 x 700 x 1280 mm
Packing dimension	1100 x 850 x 1500 mm
Gross weight	290 kg

Features

- Built-in LCD display with PID controller for temperature and shaking speed with timing function
- Audio and visual alarm
- Speed range extensible to 20-350rpm and timer up to 9999 mins
- Equipped with an observation window to view temperature, speed and time
- Safety protection of automatic stop of shaking when the doors are opened, self-check function to easily identify the problems
- Stainless steel internal and external material
- Monitor timer is a standard accessories
- Having safety functions like calibration of monitoring temperature and ambient temperature, delayed start of incoming calls and alarm for over speed
- R134a (CFC-free) refrigerant, imported compressor and fan motor
- The acceleration control circuit ensures a soft start, smooth acceleration and the safety of samples

Applications

- Widely used in researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissue research.

Optional Accessories

- Stop-running protection for doors opening function
- Uv-disinfection function
- Humidification shaker



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